RIPK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RIPK3, Polyclonal Antibody
Full Product Name	RIPK3 Antibody
Product Gene Name	anti-RIPK3 antibody
Product Synonym Names	RIP3; Receptor-interacting serine/threonine-protein kinase 3; RIP-like protein kinase 3; Receptor-interacting protein 3; RIP-3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of RIPK3 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	518
OMIM	605817
3D Structure	ModBase 3D Structure for Q9Y572
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RIPK3. The exact sequence is proprietary.
Product Categories/Family for anti-RIPK3 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RIPK3 antibody	Western Blot (WB)
Application Notes for anti-RIPK3 antibody	WB: 1:500-1:1000
Related Product Information for anti-RIPK3 antibody	MBS8582378 is an antibody targeting RIPK3. Also known as RIPK3 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to RIPK3
Other Notes	Small volumes of anti-RIPK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RIPK3. It may not necessarily be applicable to this product.

NCBI GI #	205371831
NCBI GeneID	11035

NCBI Accession #	Q9Y572.2
UniProt Primary Accession #	Q9Y572
UniProt Secondary Accession #	Q5J795; Q5J796; Q6P5Y1; B4DJL9; C4AM87
UniProt Related Accession #	Q9Y572
NCBI Official Full Name	Receptor-interacting serine/threonine-protein kinase 3
NCBI Official Synonym Full Names	receptor-interacting serine-threonine kinase 3
NCBI Official Symbol	RIPK3
NCBI Official Synonym Symbols	RIP3
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 3
UniProt Synonym Protein Names	RIP-like protein kinase 3; Receptor-interacting protein 3; RIP-3
Protein Family	Receptor-interacting serine/threonine-protein kinase
UniProt Gene Name	RIPK3
UniProt Synonym Gene Names	RIP3; RIP-3
UniProt Entry Name	RIPK3_HUMAN
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 3; RIP-3; RIP-like protein kinase 3; receptor interacting protein 3; receptor-interacting protein 3
NCBI Summary for RIPK3	The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor. [provided by RefSeq, Jul 2008]
UniProt Comments for RIPK3	RIPK3: Promotes apoptosis. Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Binds TRAF2 and RIPK1 and is recruited to the TNFR-1 signaling complex. 3 isoforms of the human protein are produced by alternative splicing. Protein type: EC 2.7.11.1; Protein kinase, Ser/Thr (non-receptor); Protein kinase, TKL; Kinase, protein; TKL group; RIPK family Chromosomal Location of Human Ortholog: 14q11.2 Cellular Component: mitochondrion; plasma membrane; cytosol Molecular Function: NF-kappaB-inducing kinase activity; protein serine/threonine kinase activity; identical protein binding; protein binding; transcription coactivator activity; protein complex binding; ATP binding; protein kinase activity Biological Process: spleen development; I-kappaB kinase/NF-kappaB cascade; regulation of activated T cell proliferation; thymus development; protein heterooligomerization; protein amino acid autophosphorylation; MyD88-independent toll-like receptor signaling pathway; T cell differentiation in the thymus; protein modification process; toll-like receptor 3 signaling pathway; signal transduction; lymph node development; activation of NF-kappaB transcription factor; regulation of T cell mediated cytotoxicity; regulation of adaptive immune response; regulation of interferon-gamma production; toll-like receptor signaling pathway; positive regulation of interferon type I production; activation of protein kinase activity; innate immune response; T cell homeostasis; positive regulation of ligase activity; toll-like receptor 4 signaling pathway; protein homooligomerization; positive regulation of oxidoreductase activity
Research Articles on RIPK3	**1.** RIP3-mediated MLKL phosphorylation, though important for downstream signaling, is dispensable for stable complex formation between RIP3 and MLKL.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/ripk3/8582378